

Patent Abstracts of Japan

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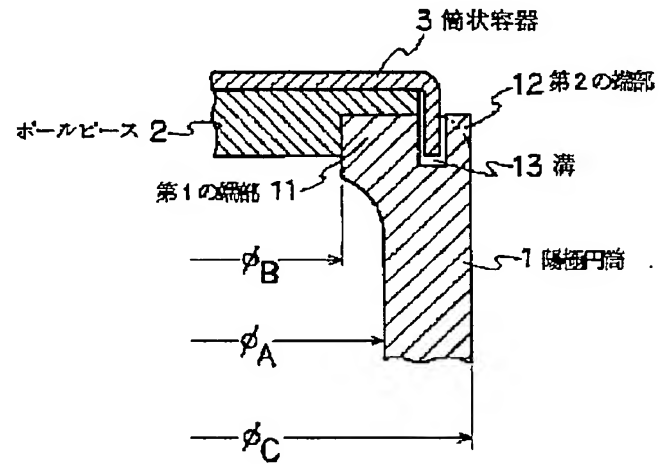
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TITLE : MAGNETRON



ABSTRACT : PURPOSE: To improve the property of withstanding load, and enlarge the fixation area for placing a pole piece by providing a projecting part in the inner diameter side or the outer diameter side of an anode cylinder, and setting the thickness of the projecting part thick.

CONSTITUTION: An anode cylinder 1 is formed so that the inner diameter  $\phi$  of the end of the anode cylinder 1 is smaller than the inner diameter  $\phi A$  of the center of the anode cylinder 1. A groove 13 is formed outside than the center of the thickness of the end of the cylinder 1, and the end is divided into a first end 11 of the inner periphery side and a second end 12 of the outer periphery side. The groove 13 is formed at a width, to which the peripheral bending part of a cylindrical container 3 can be inserted, and while the second end 12 of the outer periphery side is formed thin, and the groove 13 is formed so that the anode cylinder 1 is easily welded to the cylindrical container 3 made of iron by the arc welding or the like. As a result, the groove 13 having a width enough for the insertion of the peripheral bending part of the container 3 is formed into a narrow groove, and a width for placing a pole piece 2, namely, the first end 11 can be formed wide to support the pole piece 2 sufficiently.

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